Novel secondary metabolites from the cultures of medicinal mushroom *Vanderbylia robiniophila* and their tyrosinase inhibitory activities

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Figure S33. Basidiomes of *Vanderbylia robiniophila*. Photo taken by Hai-Sheng Yuan in China, 2020

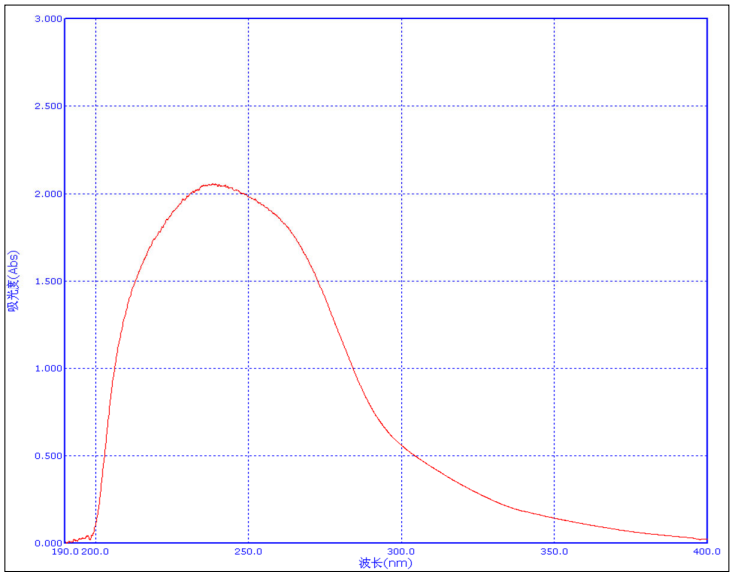


Figure S1. UV spectrum of compound **1**

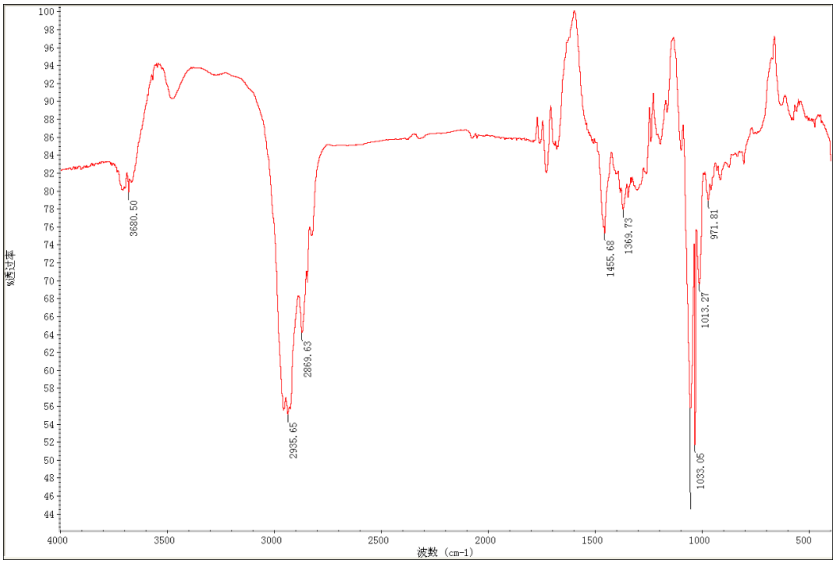


Figure S2. IR spectrum of compound **1**

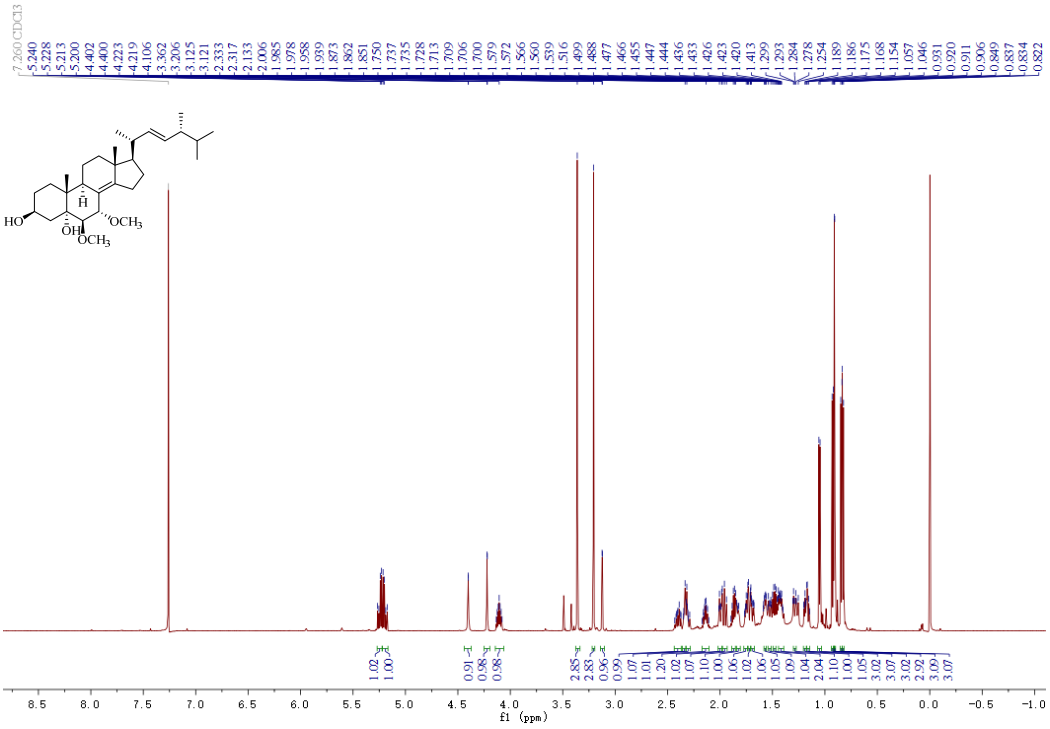


Figure S3. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of compound **1**

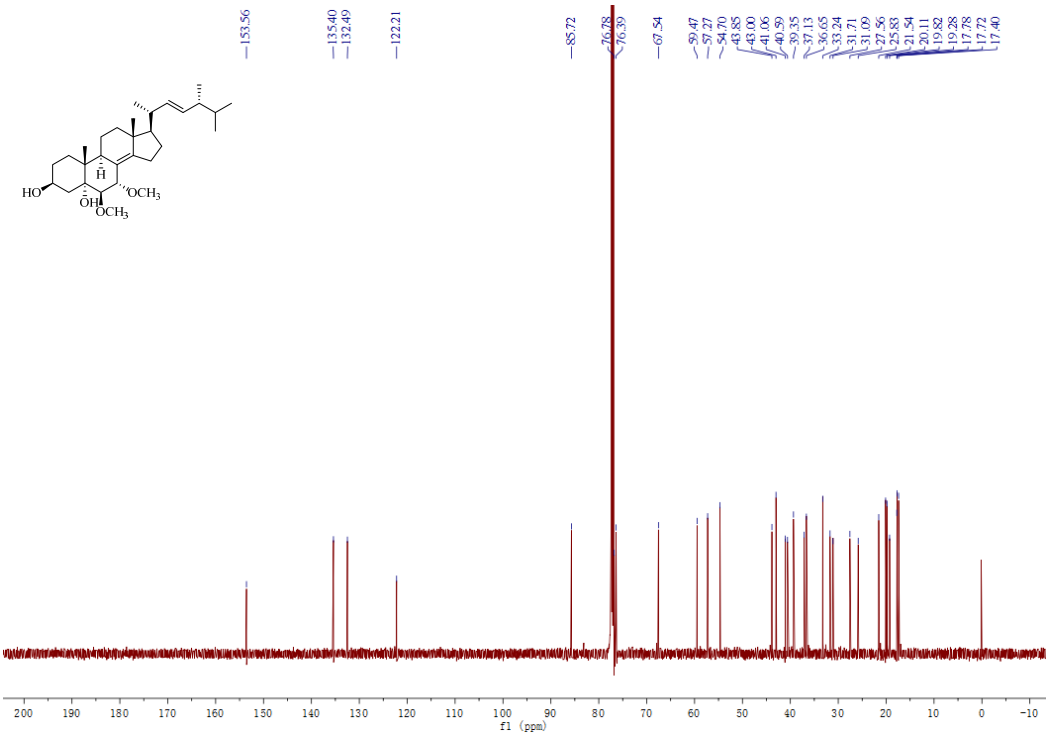


Figure S4. ^{13}C NMR spectrum (150 MHz, $CDCl_3$) of compound **1**

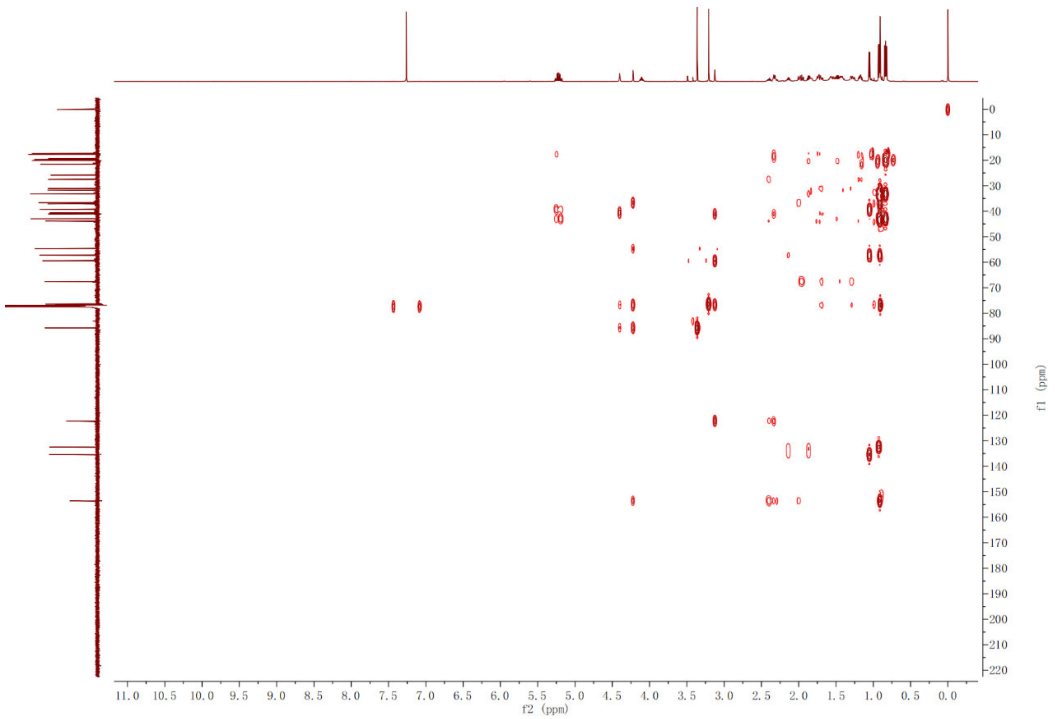


Figure S5. HMBC spectrum (600 MHz, $CDCl_3$) of compound **1**

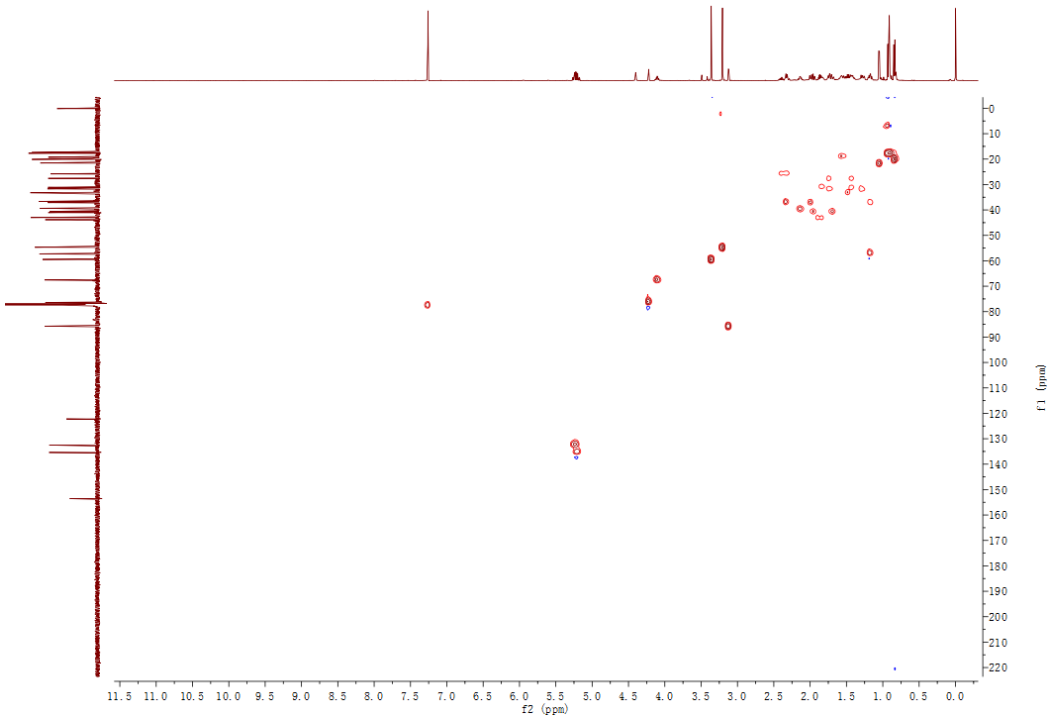


Figure S6. HSQC spectrum (600 MHz, $CDCl_3$) of compound **1**

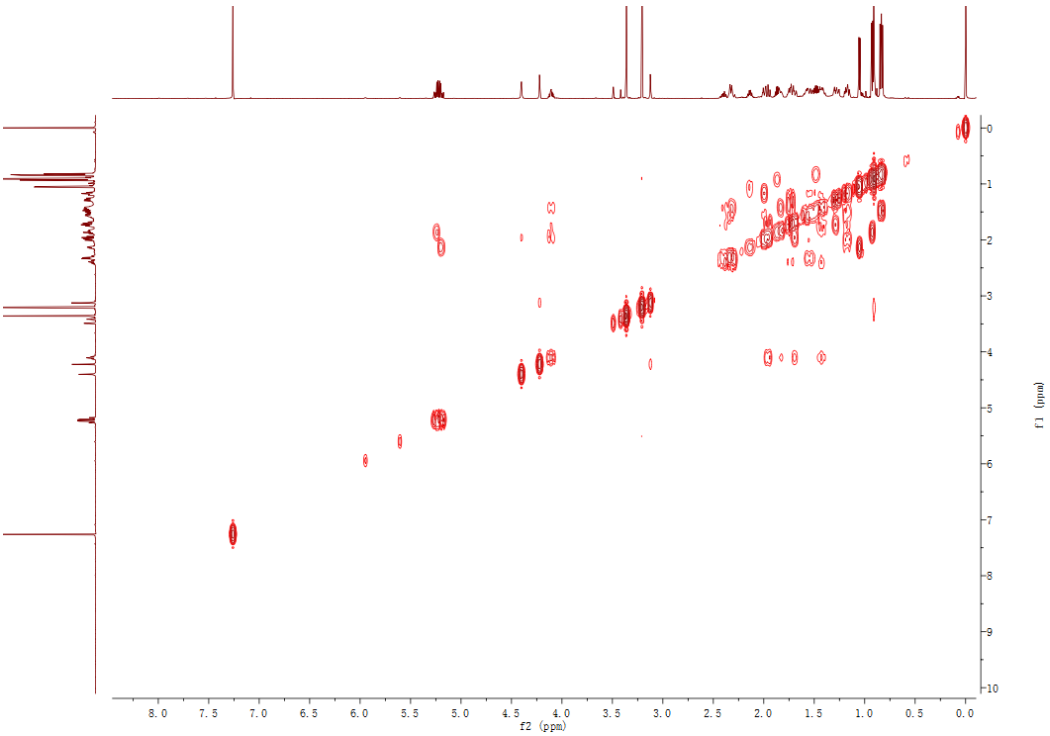


Figure S7. ^{1}H-^{1}H COSY spectrum (600 MHz, $CDCl_3$) of compound **1**

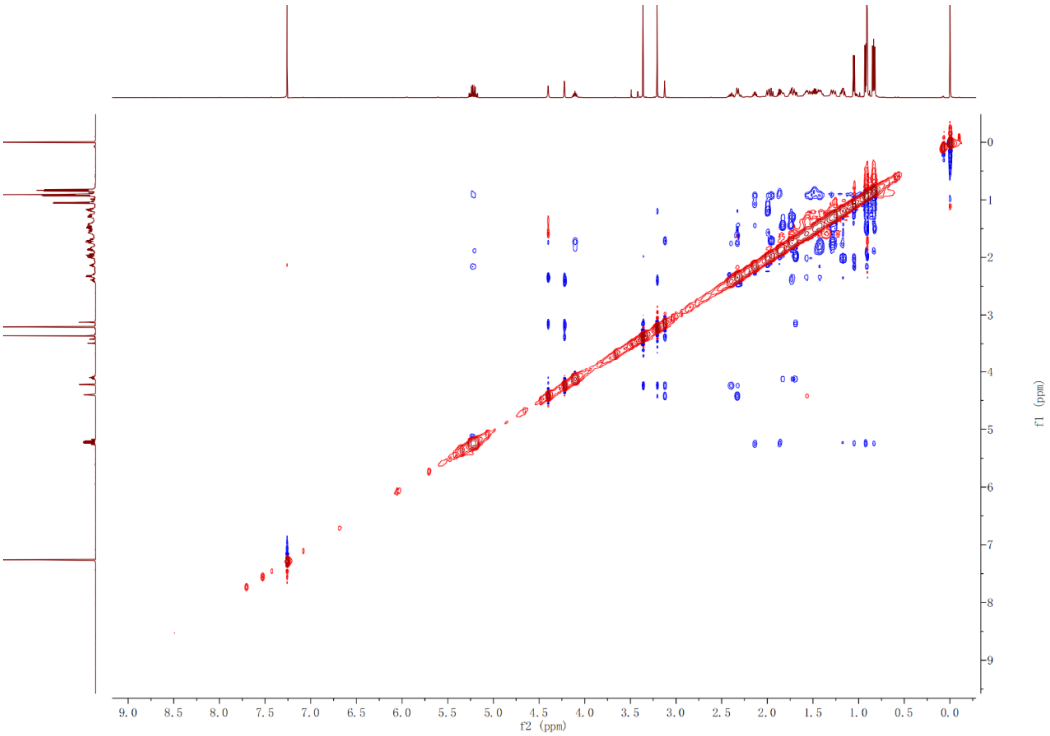


Figure S8. NOESY spectrum (600 MHz, $CDCl_3$) of compound **1**

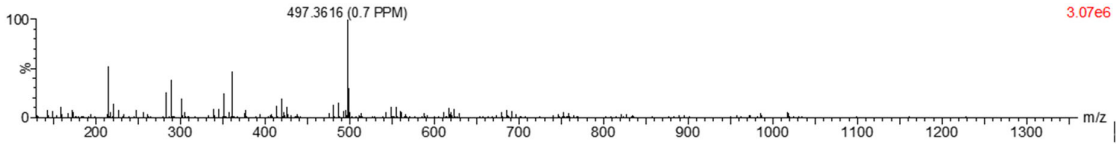


Figure S9. HRESIMS spectrum of compound **1**

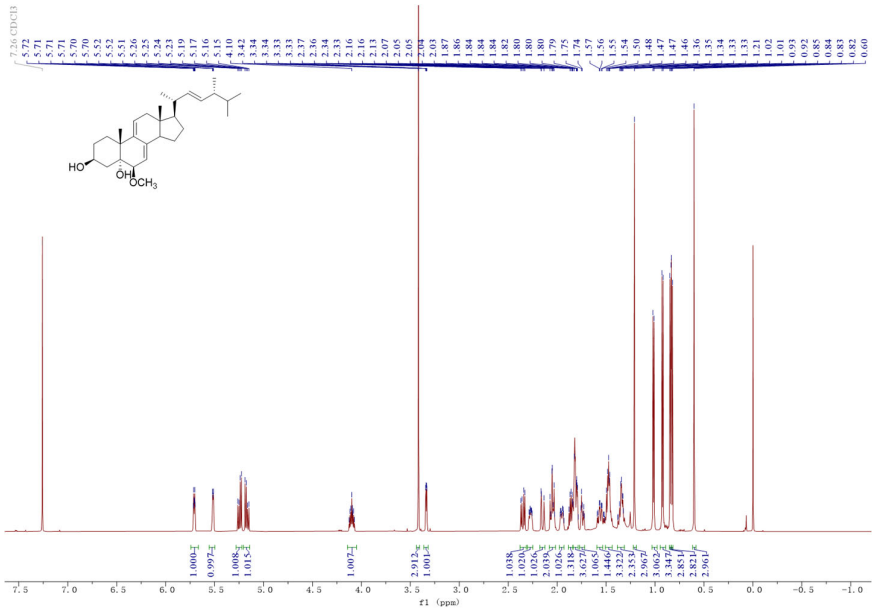


Figure S10. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of compound **2**

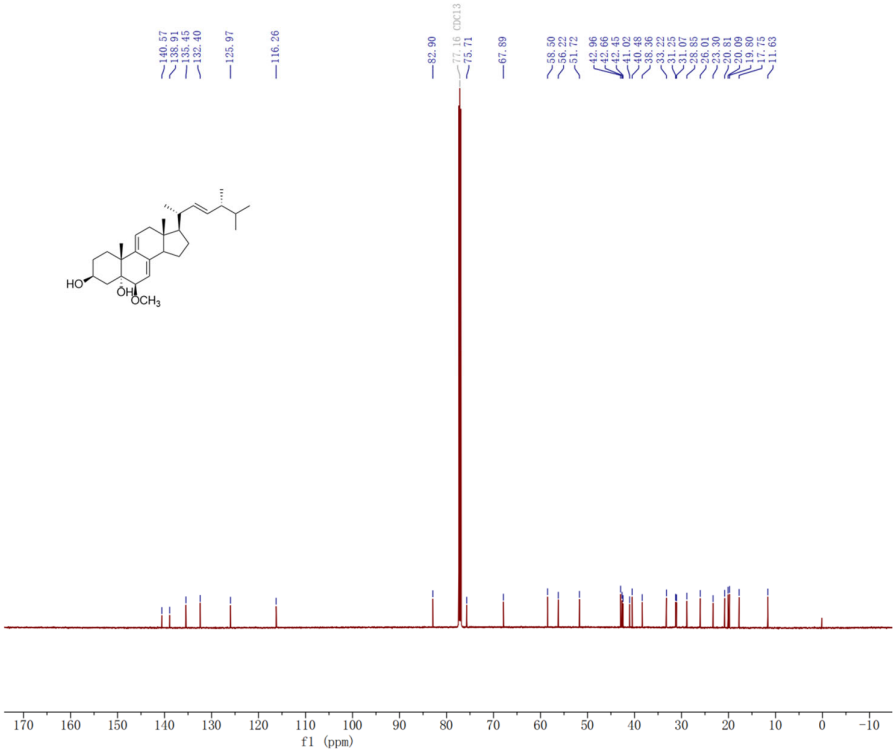


Figure S11. ^{13}C NMR spectrum (150 MHz, $CDCl_3$) of compound **2**

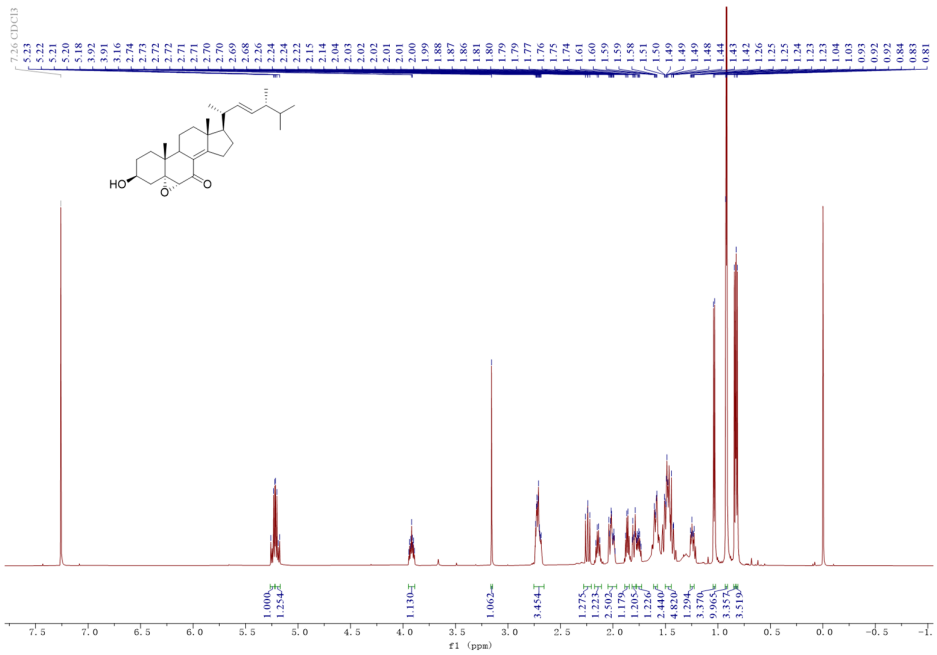


Figure S12. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of compound **3**

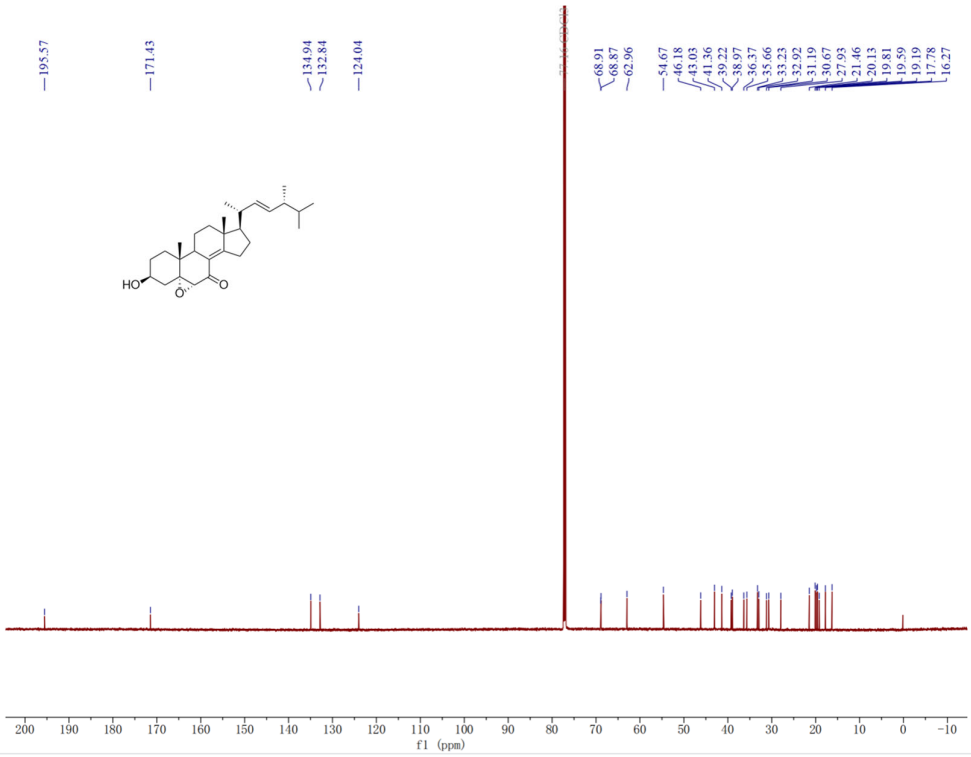


Figure S13. ^{13}C NMR spectrum (150 MHz, $CDCl_3$) of compound **3**

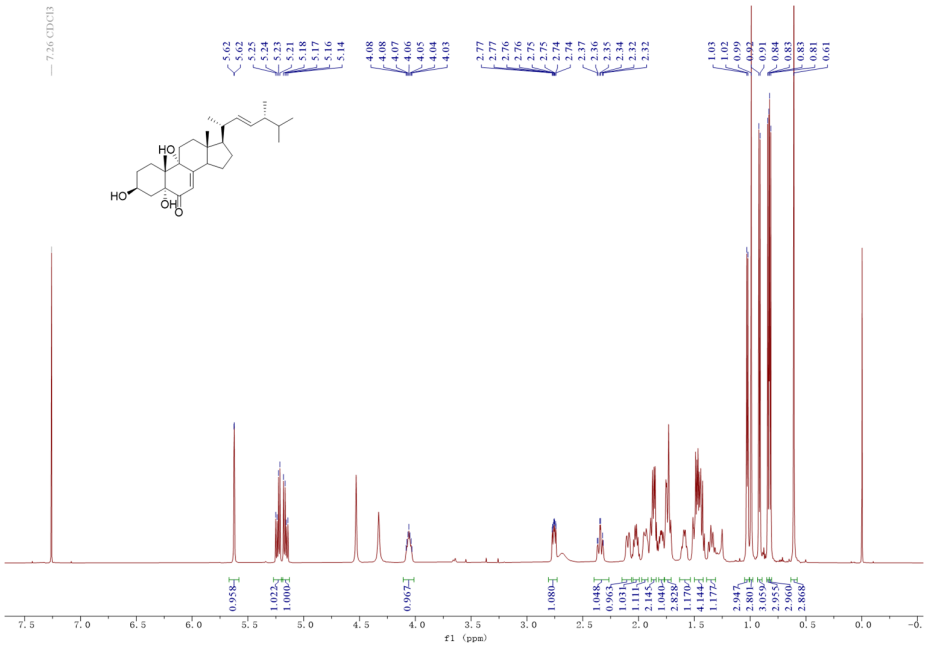


Figure S14. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of compound **4**

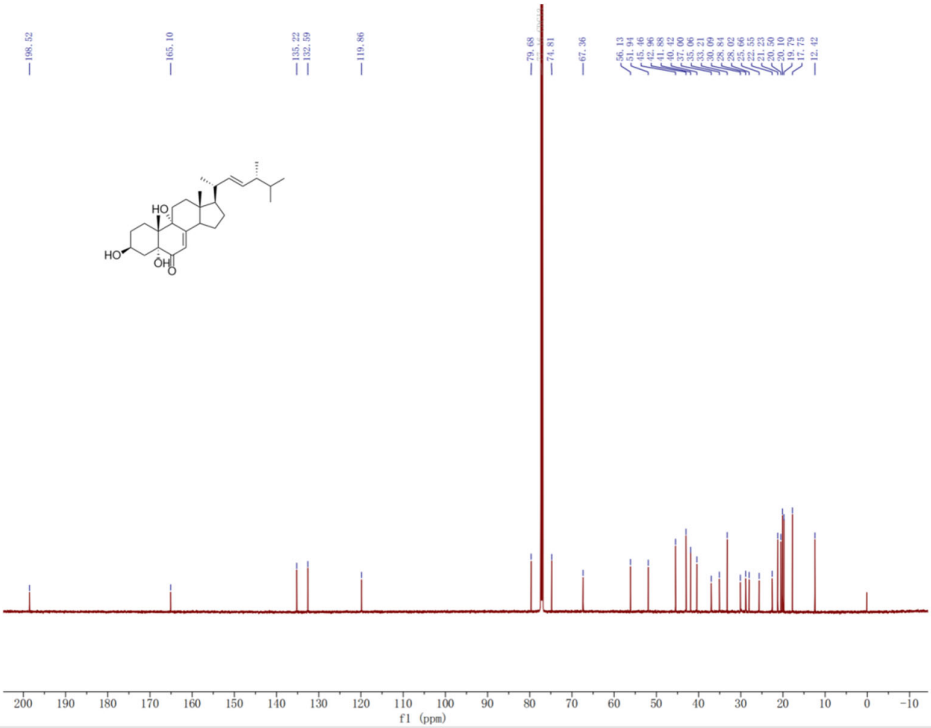


Figure S15. ^{13}C NMR spectrum (150 MHz, $CDCl_3$) of compound **4**

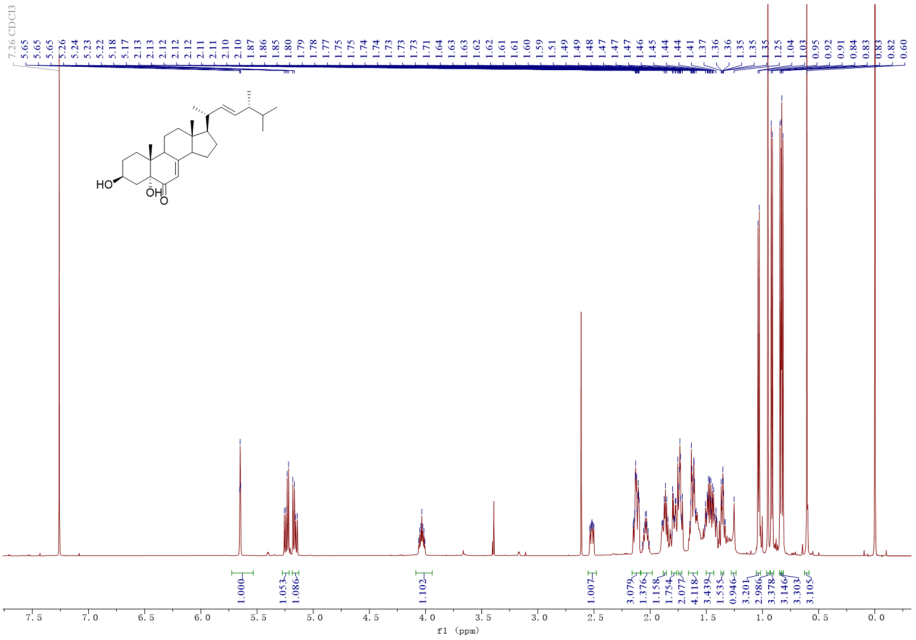


Figure S16. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of compound **5**

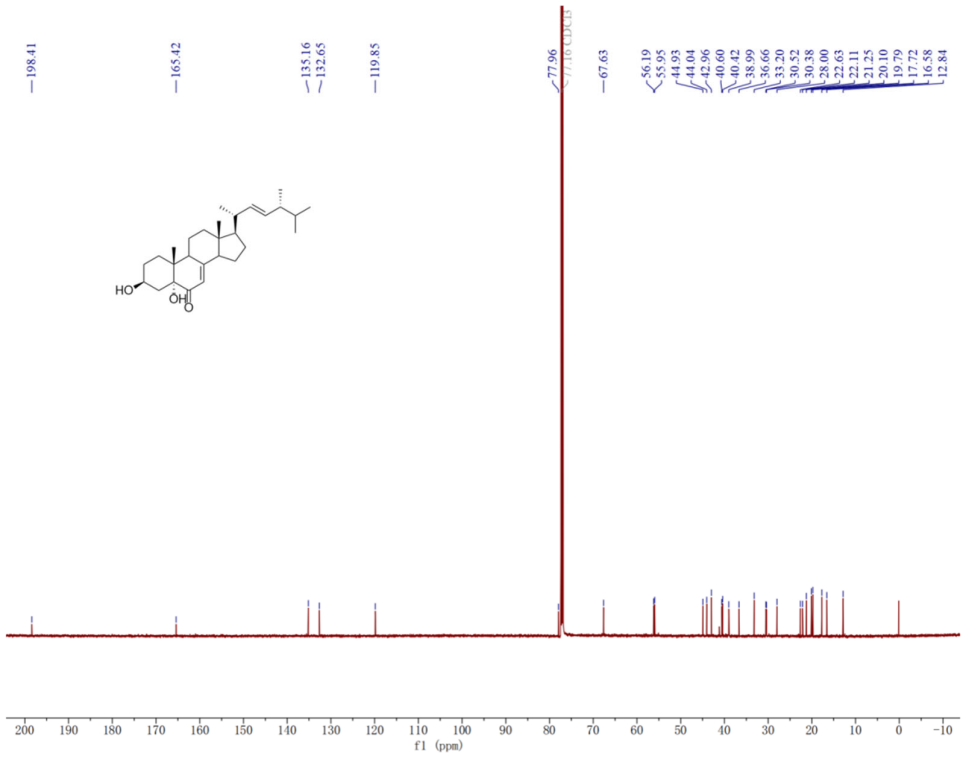


Figure S17. ^{13}C NMR spectrum (150 MHz, $CDCl_3$) of compound **5**

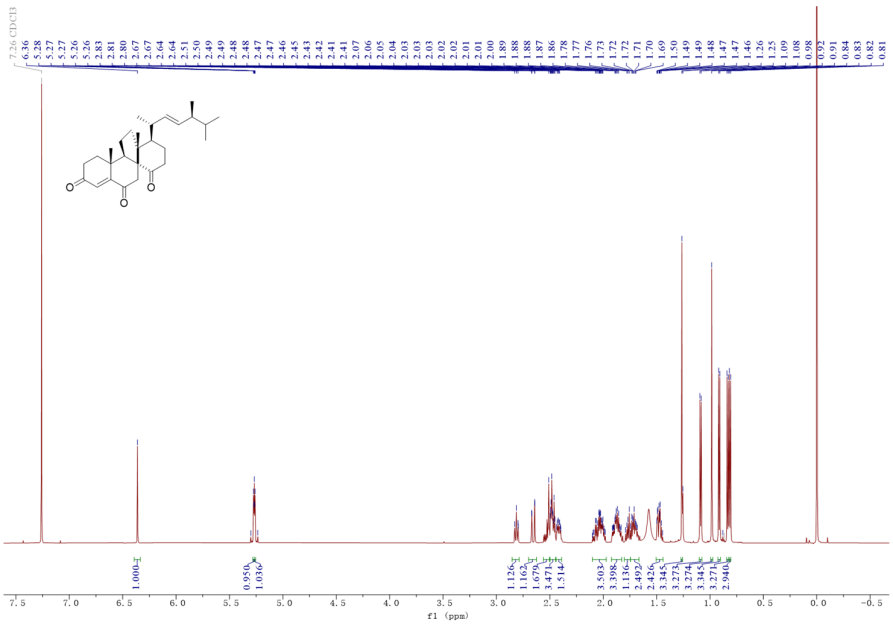


Figure S18. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of compound **6**

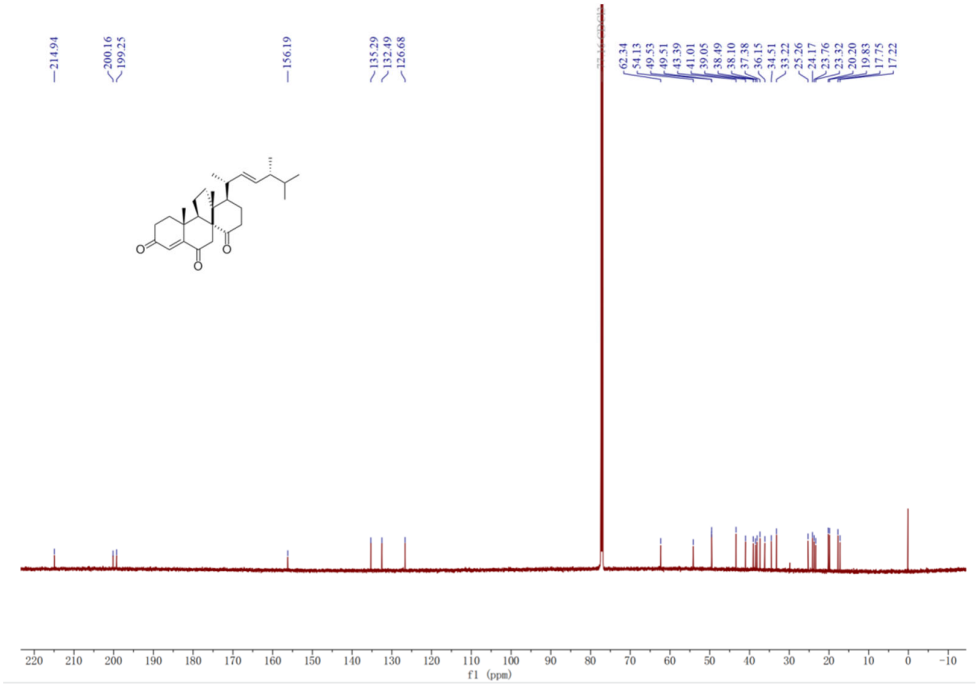


Figure S19. ^{13}C NMR spectrum (150 MHz, $CDCl_3$) of compound **6**

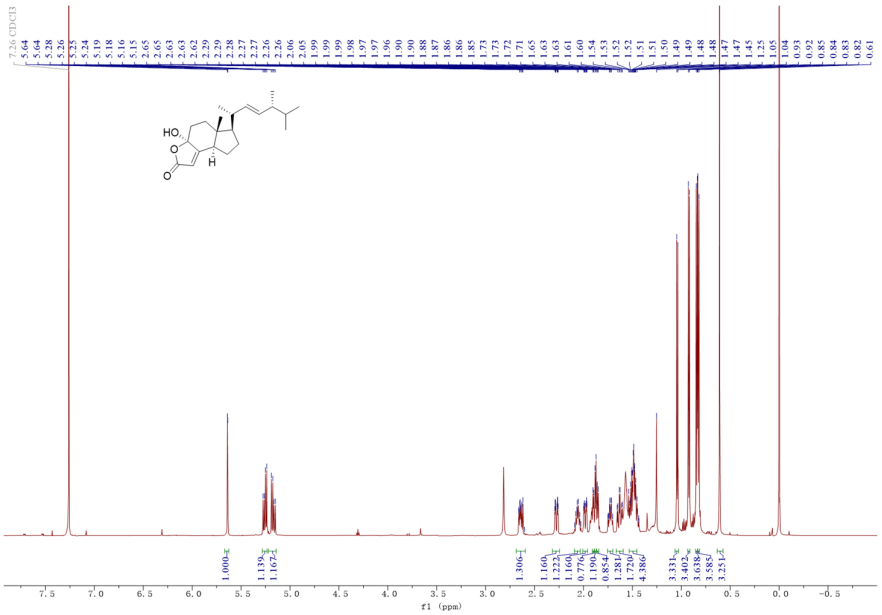


Figure S20. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of compound **7**

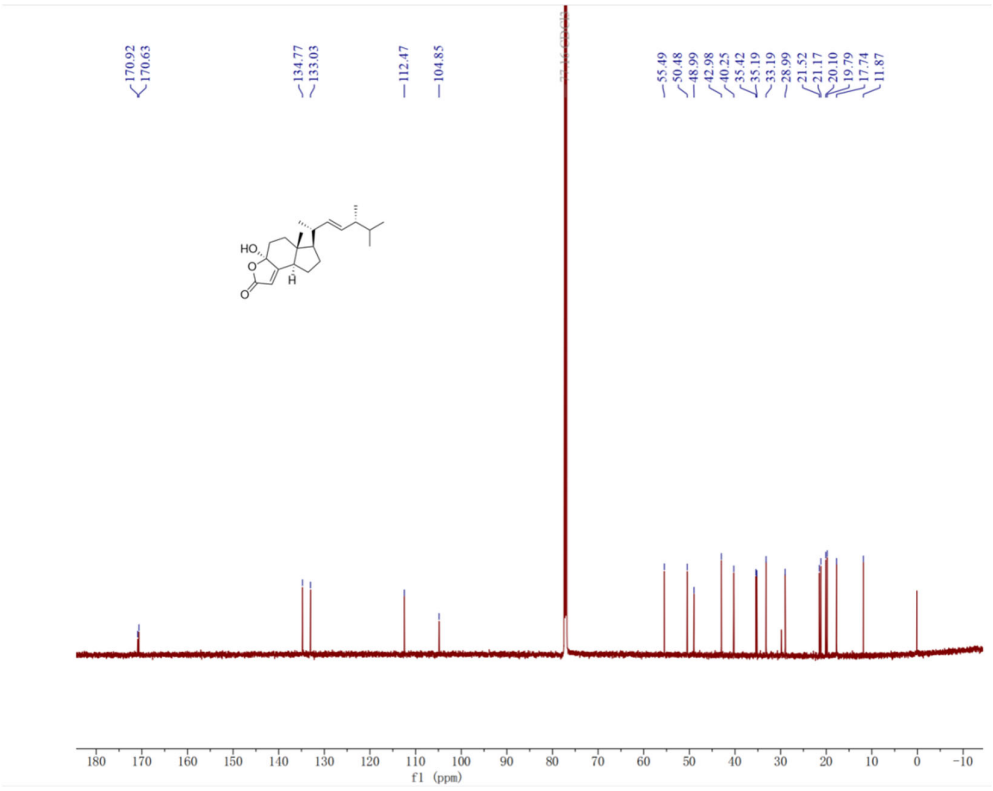


Figure S21. ^{13}C NMR spectrum (150 MHz, $CDCl_3$) of compound **7**

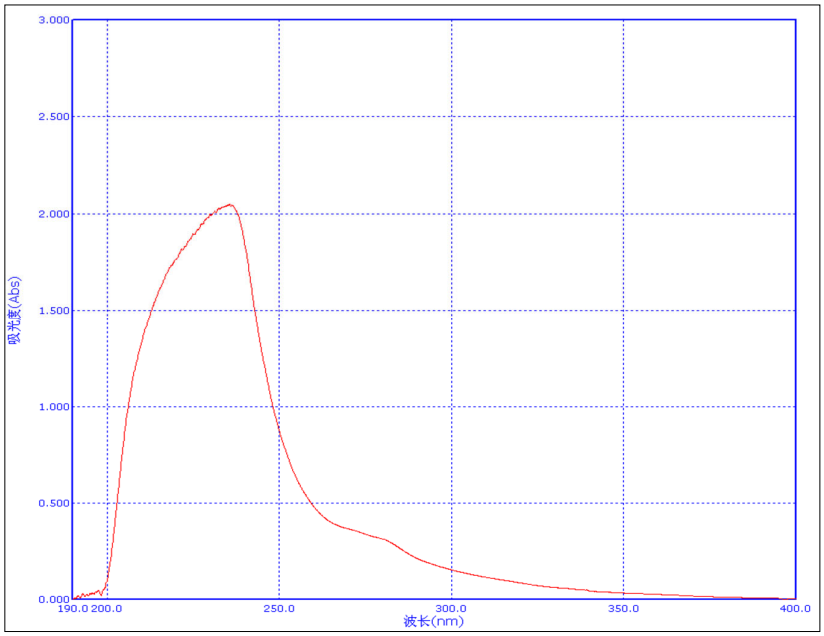


Figure S22. UV spectrum of compound **8**

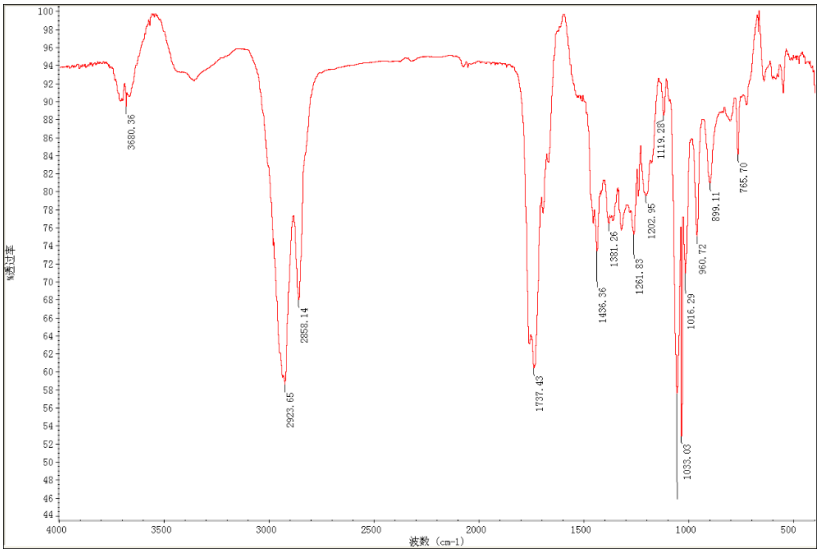


Figure S23. IR spectrum of compound **8**

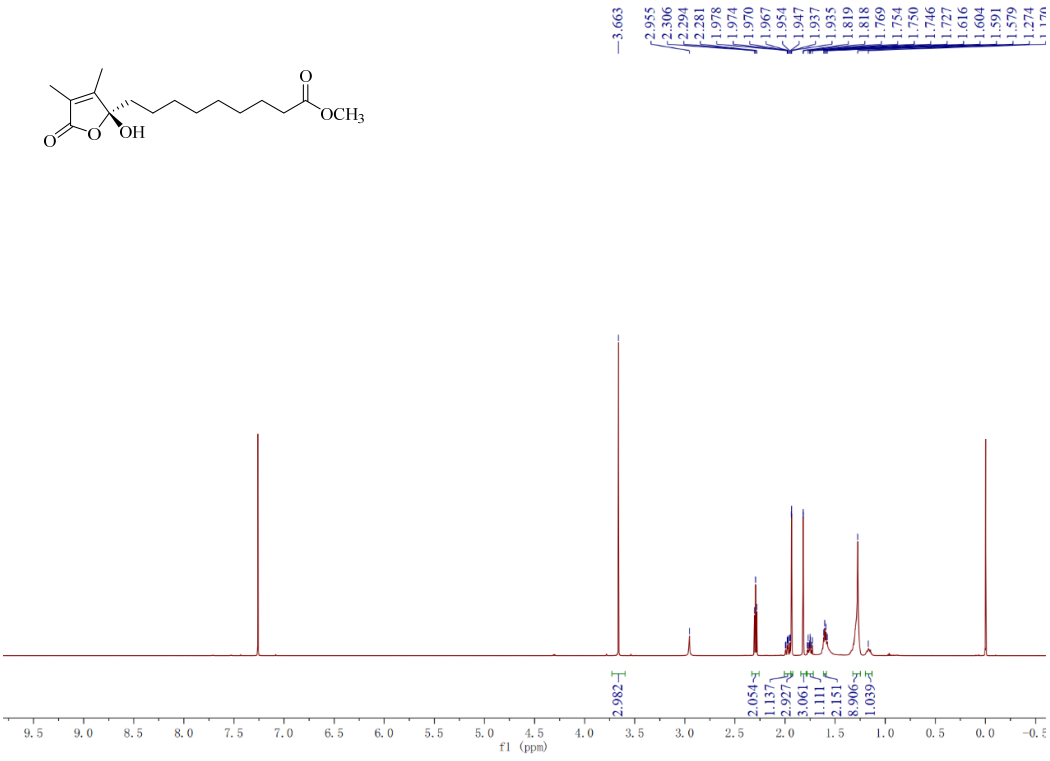


Figure S24. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of compound **8**

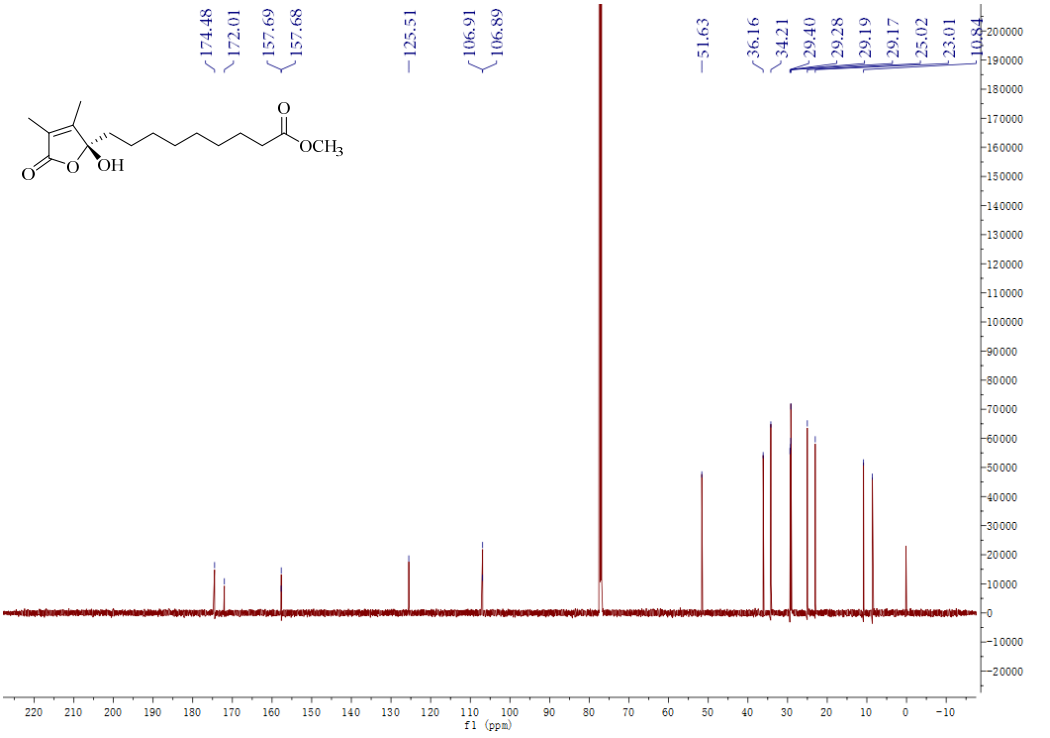


Figure S25. ^{13}C NMR spectrum (150 MHz, $CDCl_3$) of compound **8**

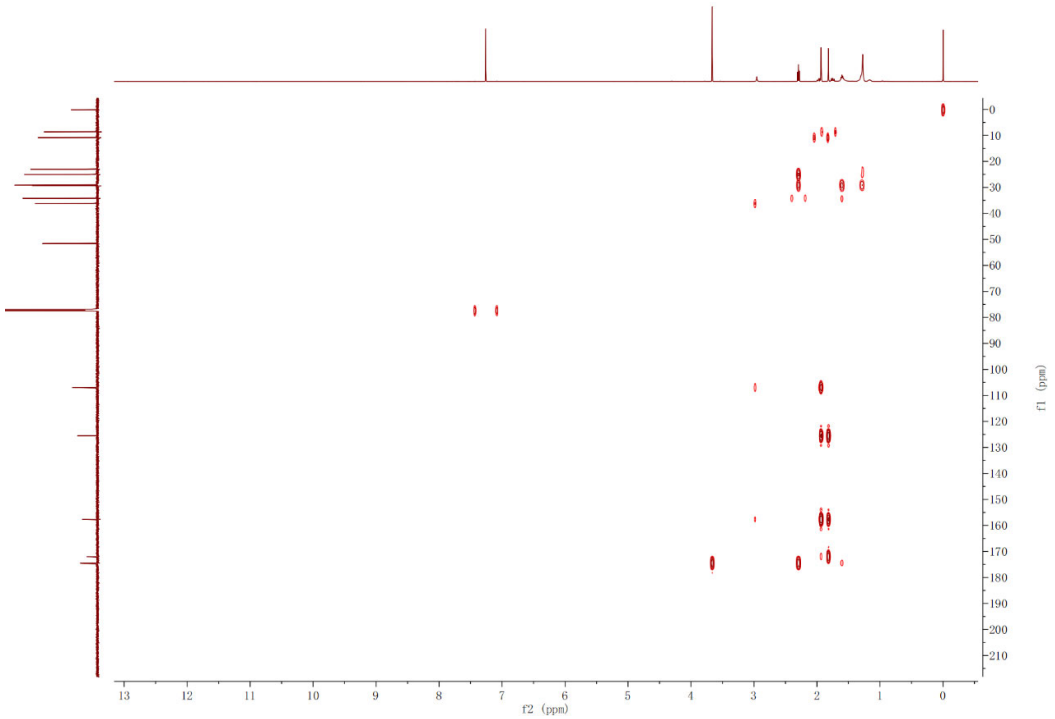


Figure S26. HMBC spectrum (600 MHz, $CDCl_3$) of compound **8**

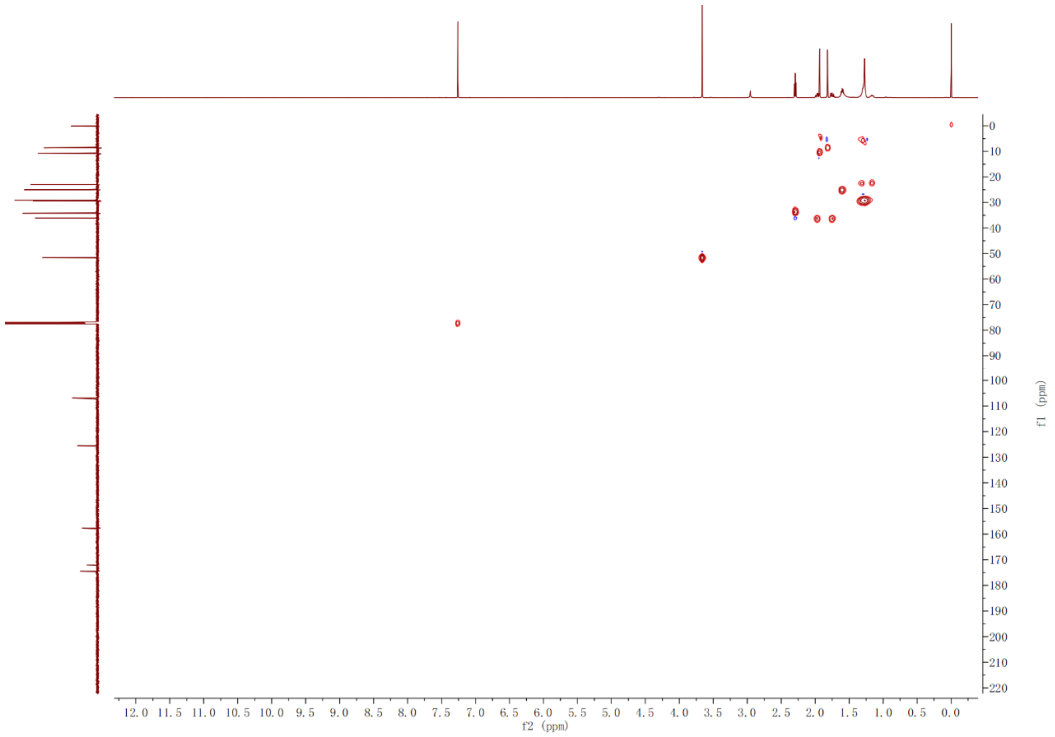


Figure S27. HSQC spectrum (600 MHz, $CDCl_3$) of compound **8**

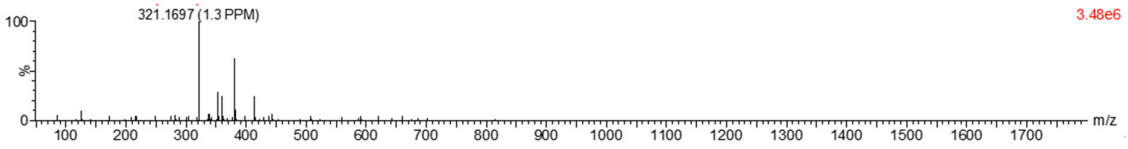


Figure S28. HRESIMS spectrum of compound **8**

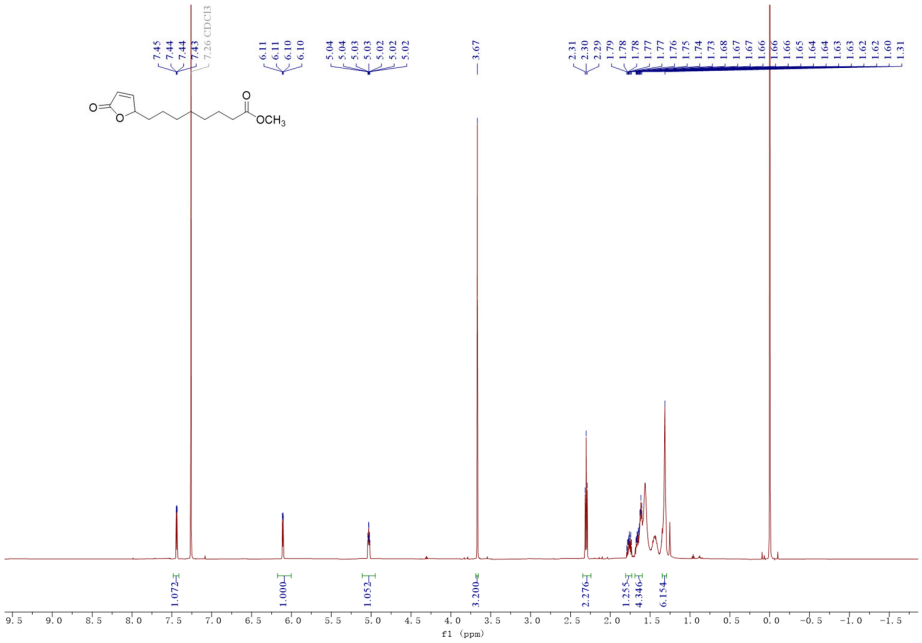


Figure S29. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of compound **9**

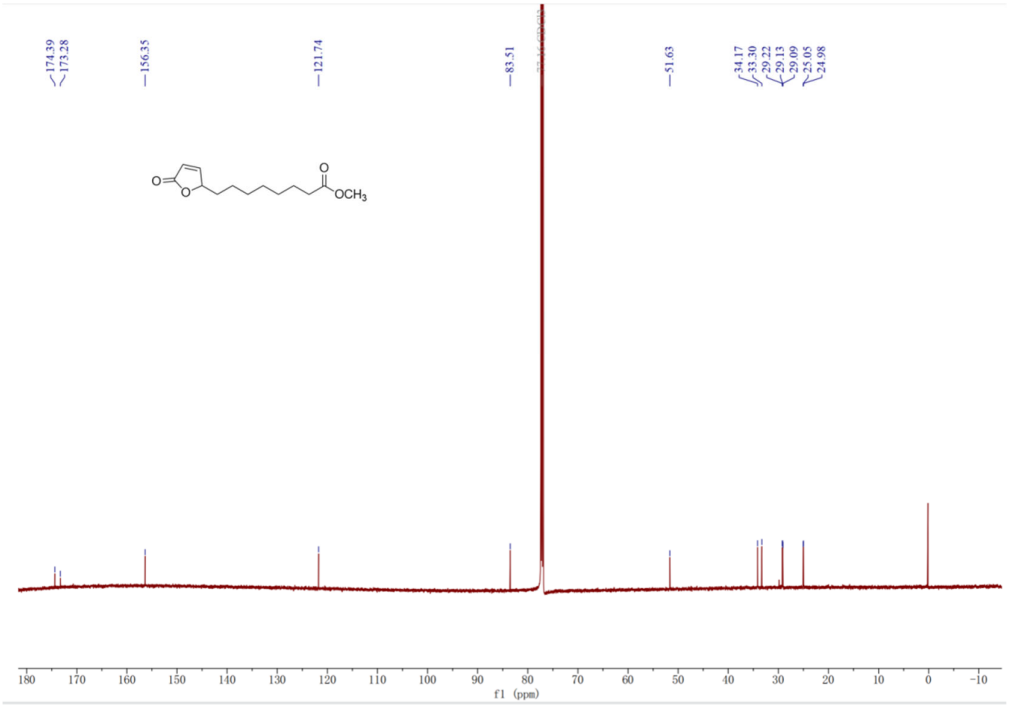


Figure S30. ^{13}C NMR spectrum (150 MHz, $CDCl_3$) of compound **9**

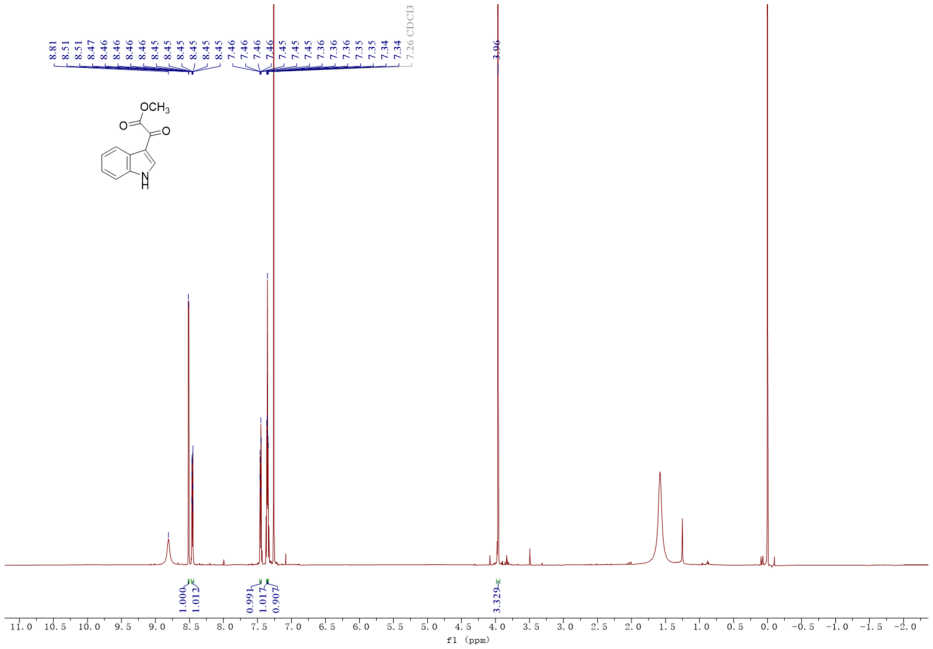


Figure S31. ^{1}H NMR spectrum (600 MHz, $CDCl_3$) of compound **10**

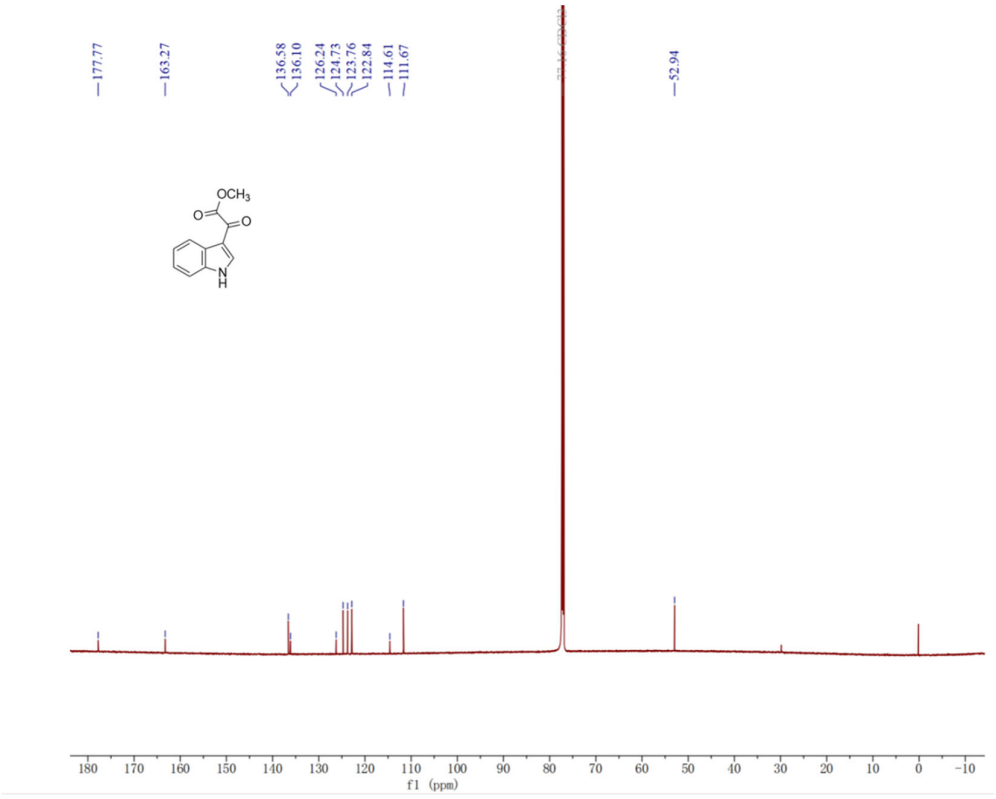


Figure S32. ^{13}C NMR spectrum (150 MHz, $CDCl_3$) of compound **10**



Figure S33. Basidiomes of *Vanderbylia robiniophila*. Photo taken by Hai-Sheng Yuan in China, 2020.

The rDNA-ITS sequence of the experimental strain IFP1101:

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